

Application No.: 10/067,620
Amendment Under 37 CFR 1.111

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Docket No.: 416272003400

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended) ~~A method of diagnosing the composition for detecting~~ rye grass or walnut pollen allergy comprising detecting reactivity in a subject's sera to an isolated protein wherein said protein is selected from the group consisting of a rye grass pollen allergen, a walnut pollen allergen, and a ragweed pollen allergen each of which comprises an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11.

Claim 2 (Currently amended) ~~The method diagnostic composition~~ of claim 1 wherein said pollen allergy is rye grass pollen allergy.

Claim 3 (Currently amended) ~~The method diagnostic composition~~ of claim 1 wherein said pollen allergy is walnut pollen allergy.

Claim 4-7 (Cancelled).

Claim 8 (Currently amended) A method of treating sensitivity to rye grass or walnut pollen in a mammal comprising administering a therapeutically effective amount of the therapeutic composition ~~therapeutic composition~~ comprising an antigenic fragment of a ~~ragweed~~ rye grass or walnut pollen allergen wherein said antigenic fragment comprises an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11 wherein said antigenic fragment comprises at least one epitope of said rye grass or walnut pollen allergen and a pharmaceutically effective carrier.

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Claim 9 (Currently amended) The method ~~therapeutic composition~~ of claim 8 wherein said epitope is a T cell epitope.

Claim 10 (Currently amended) The method ~~therapeutic composition~~ of claim 8 wherein said epitope is a B cell epitope.

Claim 11 (Currently amended) The method ~~therapeutic composition~~ of claim 8 wherein said pollen is ryegrass pollen.

Claim 12 (Currently amended) The method ~~therapeutic composition~~ of claim 8 wherein said pollen is walnut pollen.

Claim 13-16 (Cancelled).

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